Combat Readiness Center

U.S. ARMY COMBAT READINESS CENTER

COMPOSITE RISK MANAGEMENT

Tri-Service Safety Conference

Garmisch, Germany

4-8 April 2005

Don Wright, Program Manager
Distance Learning

Combat Readiness Center

U.S. ARMY COMBAT READINESS CENTER

COMPOSITE RISK MANAGEMENT

A ***new*** approach to an ***old*** problem

COMPOSITE RISK MANAGEMENT

What's wrong with current Risk Management?

- Good concept
- Good process
- Great tool

Poorly executed!

COMPOSITE RISK MANAGEMENT

What's wrong with the execution?

- Not fully understood
- Not fully integrated
- Emphasis is usually too focused (enemy versus accidents)
- Canned risk assessment work sheets
- Holistic approach is not applied

COMPOSITE RISK MANAGEMENT

A Different Approach is Needed

- What can be done?
- What's new?
- How do we change?

COMPOSITE RISK MANAGEMENT

History of Risk Management

FINANCE

INSURANCE

SPACE

ENGINEERING

WEATHER

TRAFFIC

SCIENTIST

AGRICULTURE

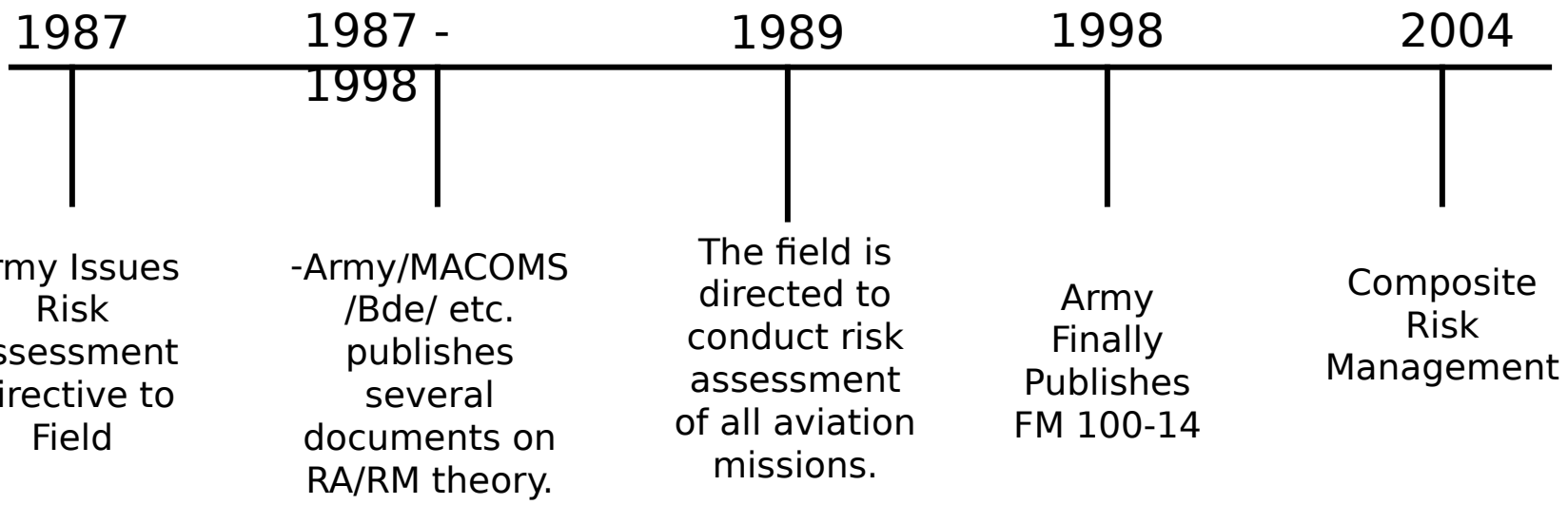
Combat Readiness Center

U.S. ARMY COMBAT READINESS CENTER

COMPOSITE RISK MANAGEMENT

RISK MANAGEMENT

TIME LINE


1987
Army Issues Risk Assessment Directive to Field
1987 - 1998
-Army/MACOMS /Bde/ etc. publishes several documents on RA/RM theory.
1989
The field is directed to conduct risk assessment of all aviation missions.
1998
Army Finally Publishes FM 100-14
2004
Composite Risk Management

Combat vs. Accidents

Combat Losses / Accidents

Spanish-American	15% / 85%
WWI	47% / 53%
WWII	43% / 56%
Korea	55% / 44%
Vietnam	45% / 54%
DS/DS	20% / 75%
OEF	45% / 26%
OIF	75% / 21%

Composite Loss

BATTLE5-03a

FY05 Army Soldier Fatalities Due to Accidents

Total Army Fatalities: 142

As of 21 Mar 05

COLOR CODE

RED - Greater Than Last Year

GREEN - Equal To, or Less Than Last Year

SEDAN	44
MOTORCYCLE	12
OTHER	5

Everywhere Else: 85

CENTCOM AOR: 57

Sedan	44
Motorcycle	12
Other	5

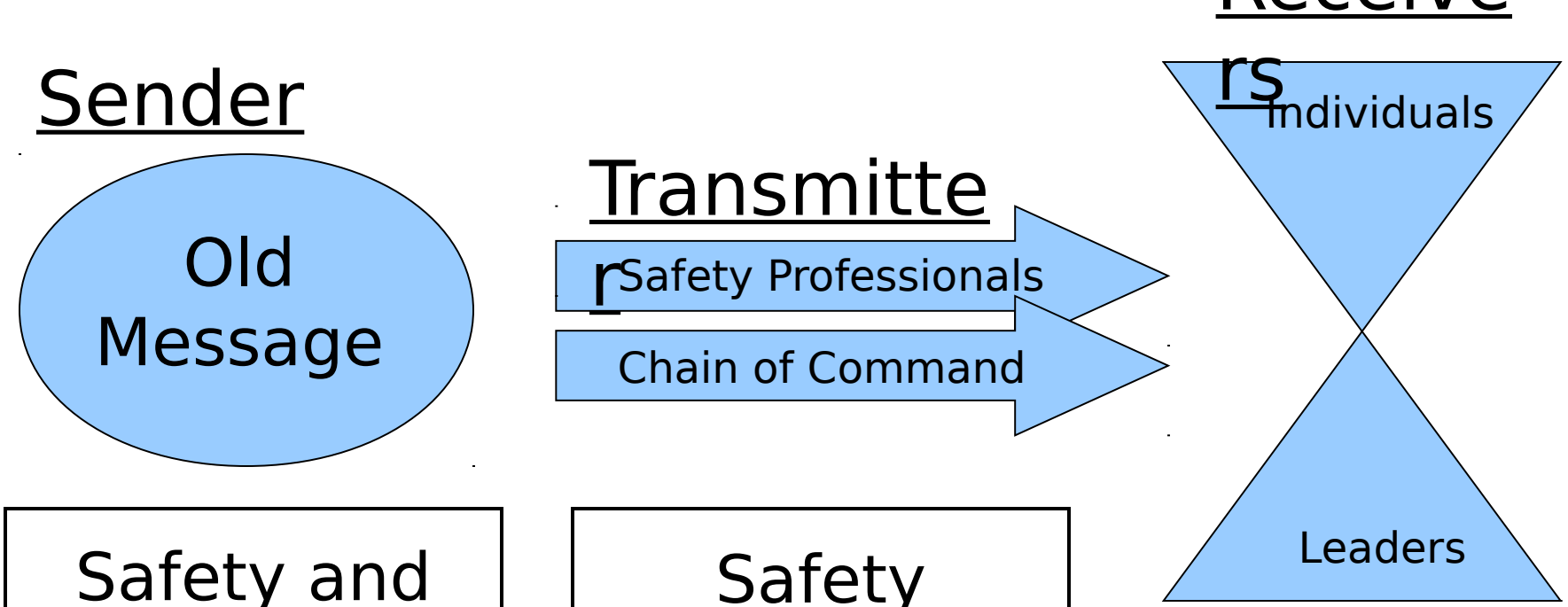
COMPOSITE RISK MANAGEMENT

All Military Fatalities (Aviation & Ground Accidents)					
	Number of Fatalities			Percent Comparisons	
	01-Oct thru 21-Mar				
Acdt Category	FY 2005	FY 2004	FY 2002	FY 2005 vs. FY 2004	FY 2005 vs. FY 2002
Aviation Flight	16	6	15	+166.7%	+6.7%
Aviation Non-Flight	1	0	0	N/A	N/A
Ground On-Duty	56	58	14	-3.4%	+300.0%
Ground Off-Duty	69	56	57	+23.2%	+21.1%
Total Aviation & Ground	142	120	86	+18.3%	+65.1%

Combat Readiness Center

U.S. ARMY COMBAT READINESS CENTER

COMPOSITE RISK MANAGEMENT



Safety and Accident Prevention

Safety Through Risk Management

Combat Readiness Center

U.S. ARMY COMBAT READINESS CENTER

COMPOSITE RISK MANAGEMENT

Safety is a 4-Letter Word!

Sender

Old Message

Transmitter

- Safety Professionals
- Chain of Command

Receivers

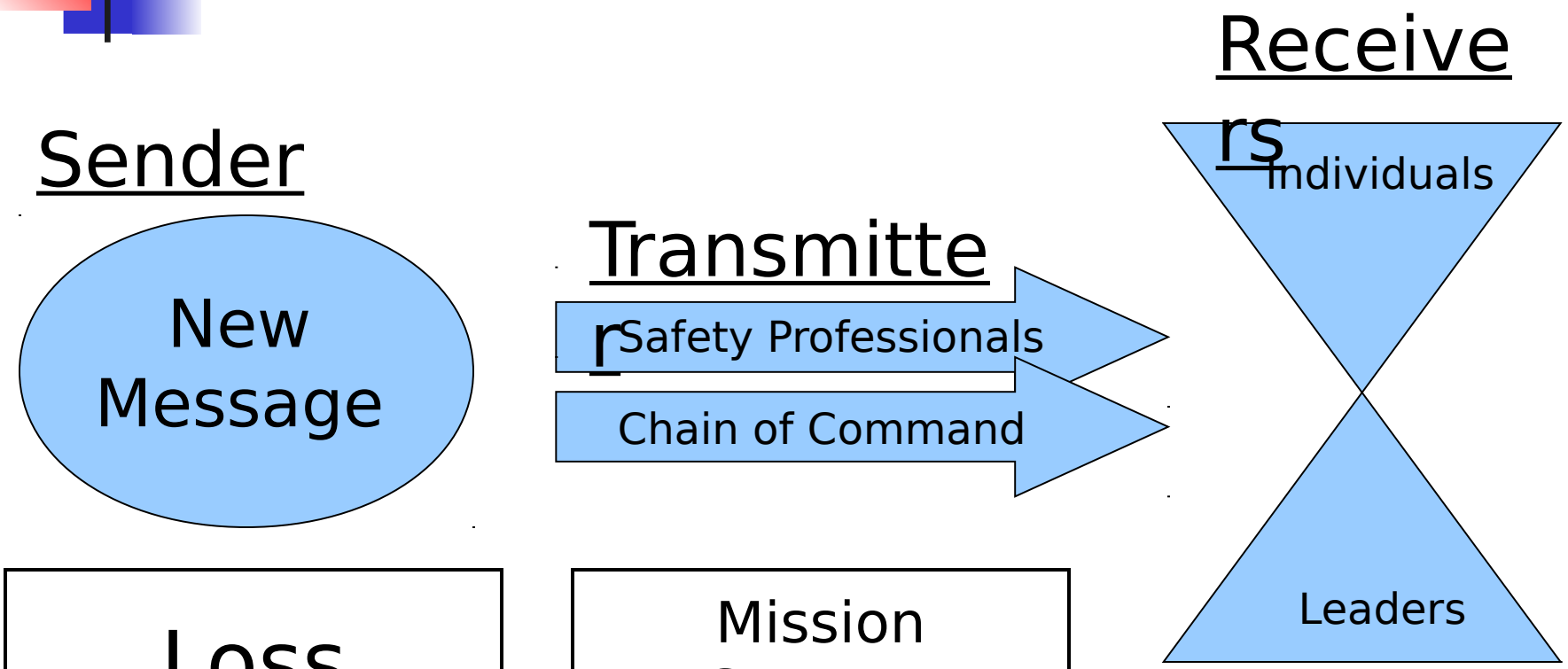
- Individuals
- Leaders

Safety is a Speed Bump to Mission Success!

Combat Readiness Center

U.S. ARMY COMBAT READINESS CENTER

COMPOSITE RISK MANAGEMENT



COMPOSITE RISK MANAGEMENT

I have responsibility:

- *To my family, fellow soldiers, organization, and country*

Sender

New Message

Transmitter

Safety Professionals

Chain of Command

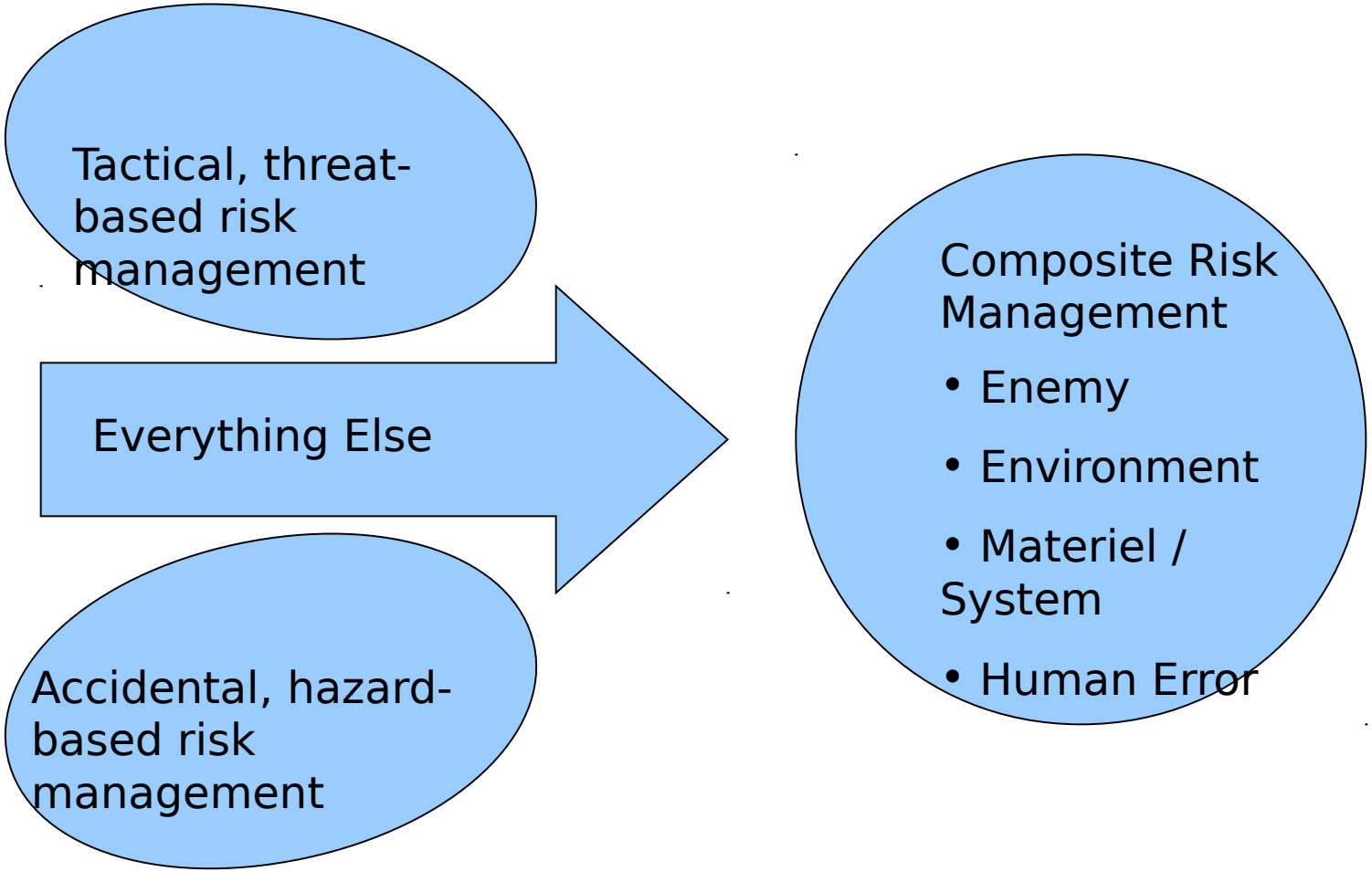
Receivers

Individuals

Leaders

Consider ALL loss regardless of source:

COMPOSITE RISK MANAGEMENT



COMPOSITE RISK MANAGEMENT

- Planning: Company Level Leaders
- Mission: Conduct Convoy Operations
- Location: Iraq
- Enemy Forces: Known Insurgents in Area

Green
Route

COMPOSITE RISK MANAGEMENT

- Assessment: Green Route
- Failed to Assess:
  - Route distance comparison
  - Road width, bridges, climbs, descents
  - Road condition, type of shoulder
  - Sharp curves, intersections, limited sight

COMPOSITE RISK MANAGEMENT

- Failed to Assess:
  - Traffic speed / following distances
  - Fatigue / rest stops / checkpoints / commo
  - Number / type of vehicles
  - Driver’s skill level / crew pairing
  - PPE (vests, helmets, seatbelts)
  - Emergency procedures / breakdowns

COMPOSITE RISK MANAGEMENT

- Failed to Assess:
  - Accidental discharges
  - UXO
  - Heat injuries
  - Other personal injuries (falls, etc.)

COMPOSITE RISK MANAGEMENT

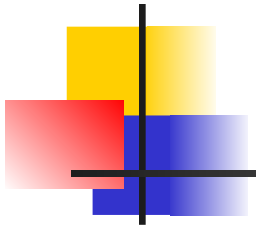
How do we integrate CRM?

- Focus on **results**
- Use a holistic approach
- Intimately link RM to **all** aspects of **all** operations (broaden the perspective)
  - On or Off Duty
  - Deployment or Garrison
  - Tactical or Accidental

Our Army at War =

- Chain of Command & Leadership
- Standards & Discipline
- Enhanced Situational Awareness

Be SAFE!



COMPOSITE RISK MANAGEMENT

QUESTIONS ??